



ANT

GSM900/850 TX

DCS/PCS TX

WCDMA 850 TX

WCDMA 900 TX

WCDMA 1900 TX

WCDMA 2100 TX

WCDMA 850 RX

WCDMA 900 RX

WCDMA 1900 RX

WCDMA 2100 RX

DCS RX

Engineer	RF PART	
Drawn by		
Part Desc	SIZE	in
Scale: 1/16" = 1"	GT-I9100G_MAIN_REV0.7	
Scale: 1/8" = 1"		
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**GPS(CSR)**

**FM RADIO**

**BT/WIFI MODULE**

**CONNECTIVITY**

GT-I9100G\_MAIN\_REV0.7

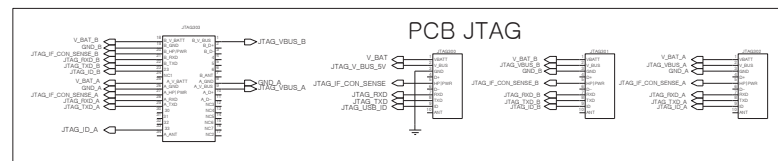
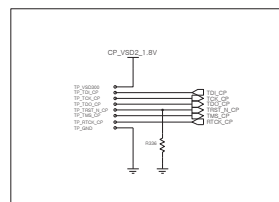
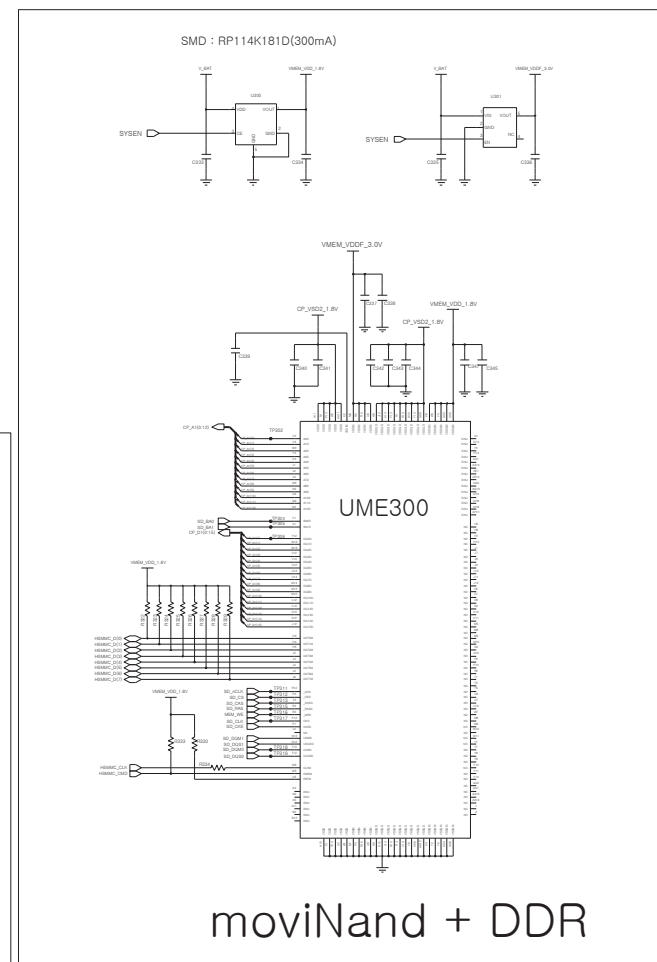
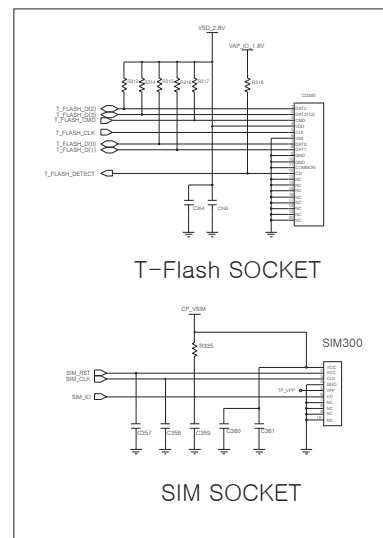
Changed by: usat Date Changed: 2011.04.25 Time Changed: 2:27:53 PM

SA (CH): REV: Drawing Number: Page: 2/3

## FM RADIO

# BT/WIFI MODULE

Engineer: user1	CONNECTIVITY		
Drawn By: user1			
RWD CHK:	TITLE:	Size: A2	
DOC CTRL CHK:	GT-I9100G_MAIN_REV0.7		
MFG Engrg CHK:			
QA CHK:	REV:	Drawing Number:	Page: 2 of 8
11		12	



Engineer	CP, MOVIMCP		
Drawn by			
Field Code	TITLE		
Model Code	GT-19100G_MAIN_REV0.7		
Long Model Code			
Long Model Code			
Material	Material	Drawing Number	S/R
1.0			

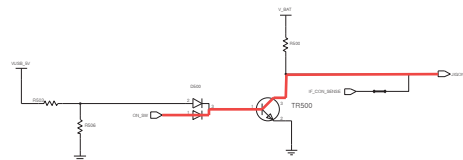
AP

UCP400

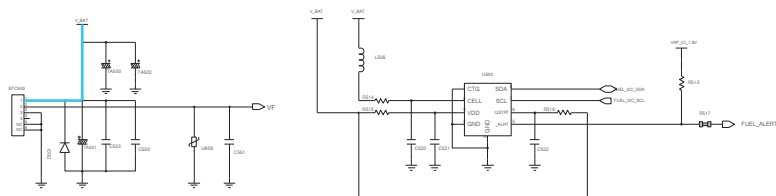
SYSTEM MAIN CLOCK

JTAG

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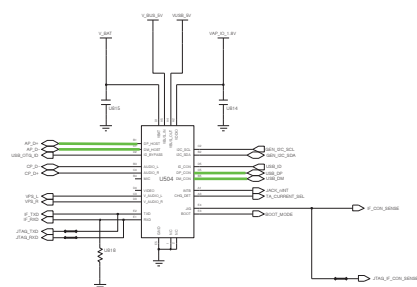


<Power On Block>

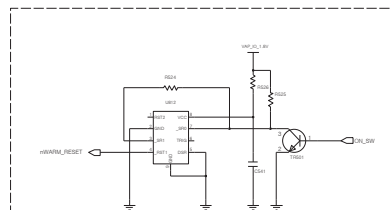


BATTERY CON

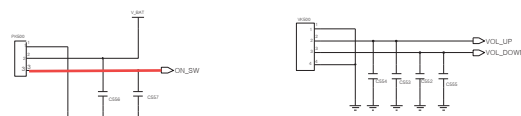
FUEL GAUGE



MICRO USB SWITCH IC



RESET IC

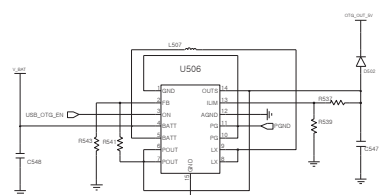


POWER / HOLD KEY

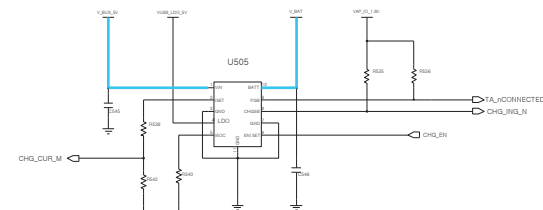
VOL KEY

KEY MAP

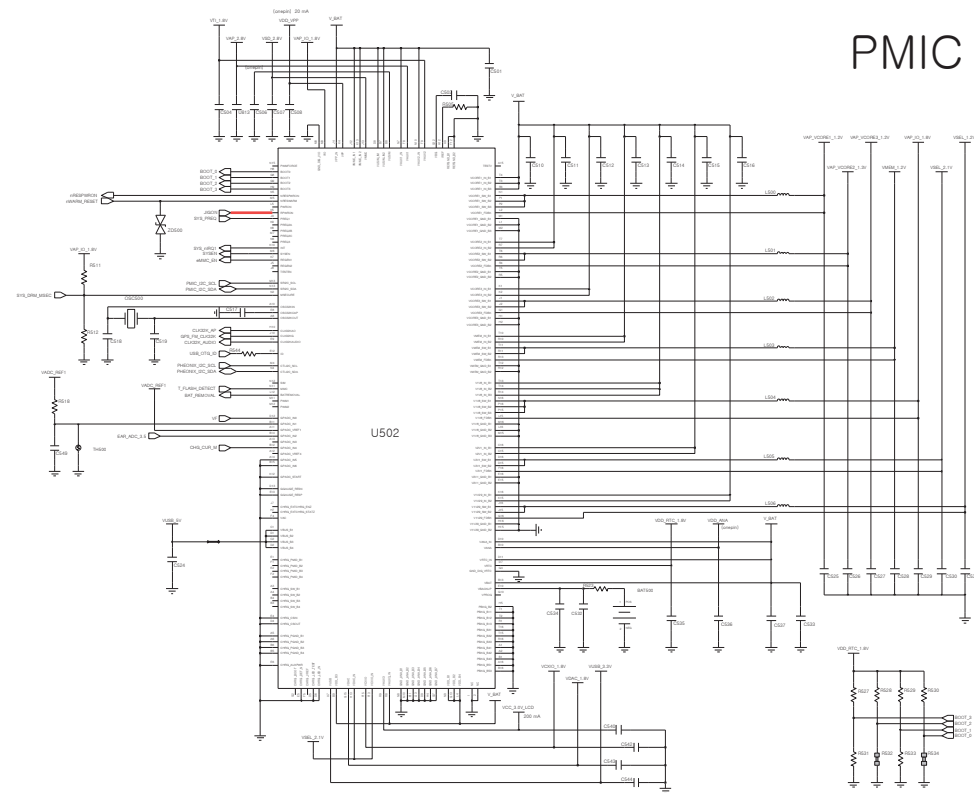
	KBC(0)	KBC(1)	KBC(2)
KBR(0)			
KBR(1)		VOLUME DOWN	
KBR(2)		VOLUME UP	



USB\_OTG

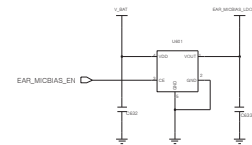


CHARGER



PMIC

Engineer	PMIC & ETC
Checker	
Design Date	
Design Ver	GT-10100G_MAIN_REV0.7
Design Name	
Design No	



Engineer	AUDIO & MOTOR		
Design by			
P&M CHK:			Title:
DWG CTRL CHK:			
MR G SAGAR CHL:			
		GT-19100G_MAIN_REV0.7	

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**Magnetic Sensor**

**Accelation Sensor**

**Gyro Sensor**

**SENSOR LDO**

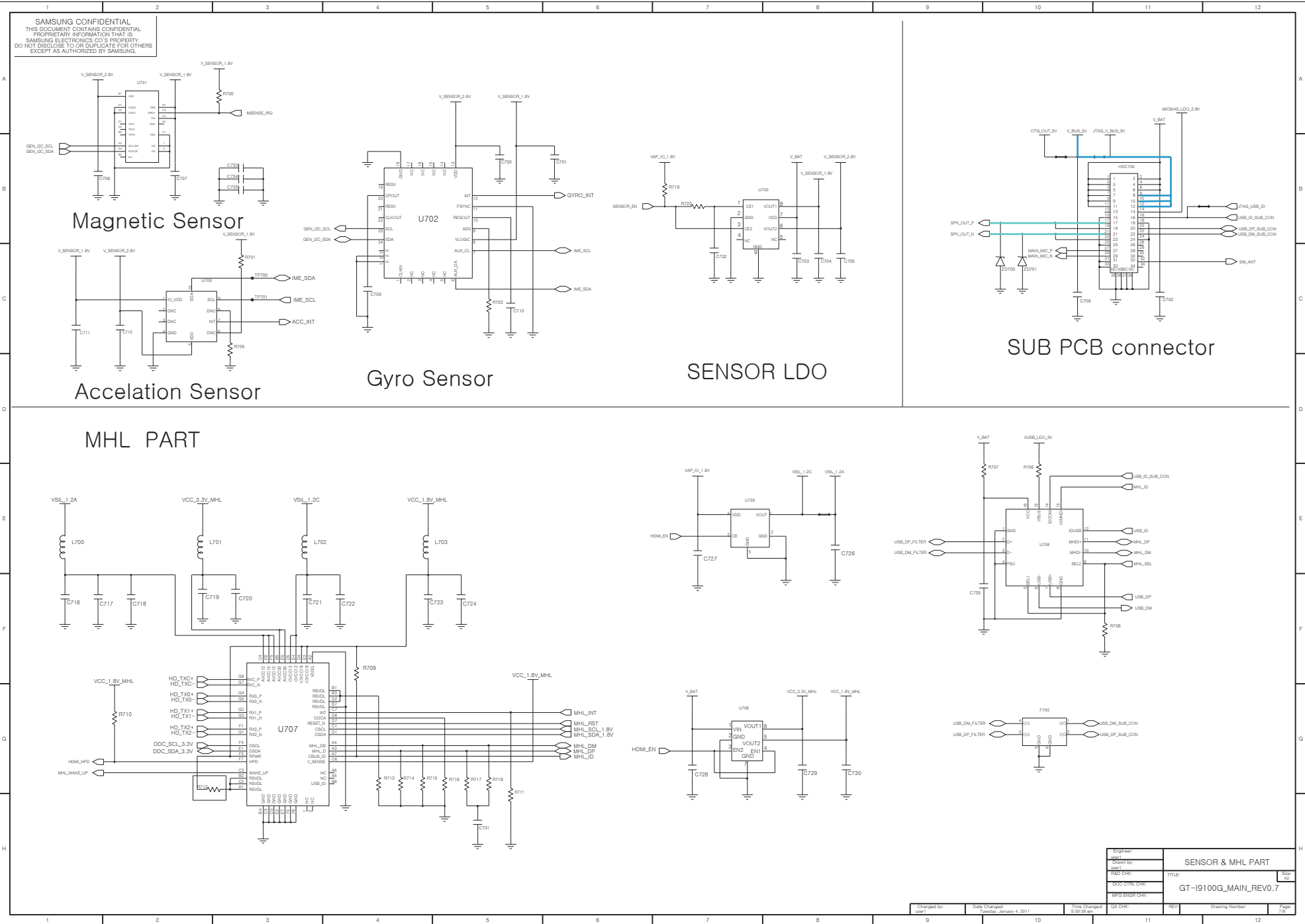
**SUB PCB connector**

**MHL PART**

**SENSOR & MHL PART**

GT-I9100G\_MAIN\_REV0.7

Rev	Description	Date	By	Check
0.1	Initial Release	2011.04.28	Y. Kim	Y. Kim
0.2	Revise MHL part	2011.05.11	Y. Kim	Y. Kim
0.3	Revise MHL part	2011.05.11	Y. Kim	Y. Kim
0.4	Revise MHL part	2011.05.11	Y. Kim	Y. Kim
0.5	Revise MHL part	2011.05.11	Y. Kim	Y. Kim
0.6	Revise MHL part	2011.05.11	Y. Kim	Y. Kim
0.7	Revise MHL part	2011.05.11	Y. Kim	Y. Kim
0.8	Revise MHL part	2011.05.11	Y. Kim	Y. Kim
0.9	Revise MHL part	2011.05.11	Y. Kim	Y. Kim
1.0	Revise MHL part	2011.05.11	Y. Kim	Y. Kim
1.1	Revise MHL part	2011.05.11	Y. Kim	Y. Kim
1.2	Revise MHL part	2011.05.11	Y. Kim	Y. Kim
1.3	Revise MHL part	2011.05.11	Y. Kim	Y. Kim
1.4	Revise MHL part	2011.05.11	Y. Kim	Y. Kim
1.5	Revise MHL part	2011.05.11	Y. Kim	Y. Kim
1.6	Revise MHL part	2011.05.11	Y. Kim	Y. Kim
1.7	Revise MHL part	2011.05.11	Y. Kim	Y. Kim
1.8	Revise MHL part	2011.05.11	Y. Kim	Y. Kim
1.9	Revise MHL part	2011.05.11	Y. Kim	Y. Kim
2.0	Revise MHL part	2011.05.11	Y. Kim	Y. Kim



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**Magnetic Sensor**

**Accelation Sensor**

**Gyro Sensor**

**SENSOR LDO**

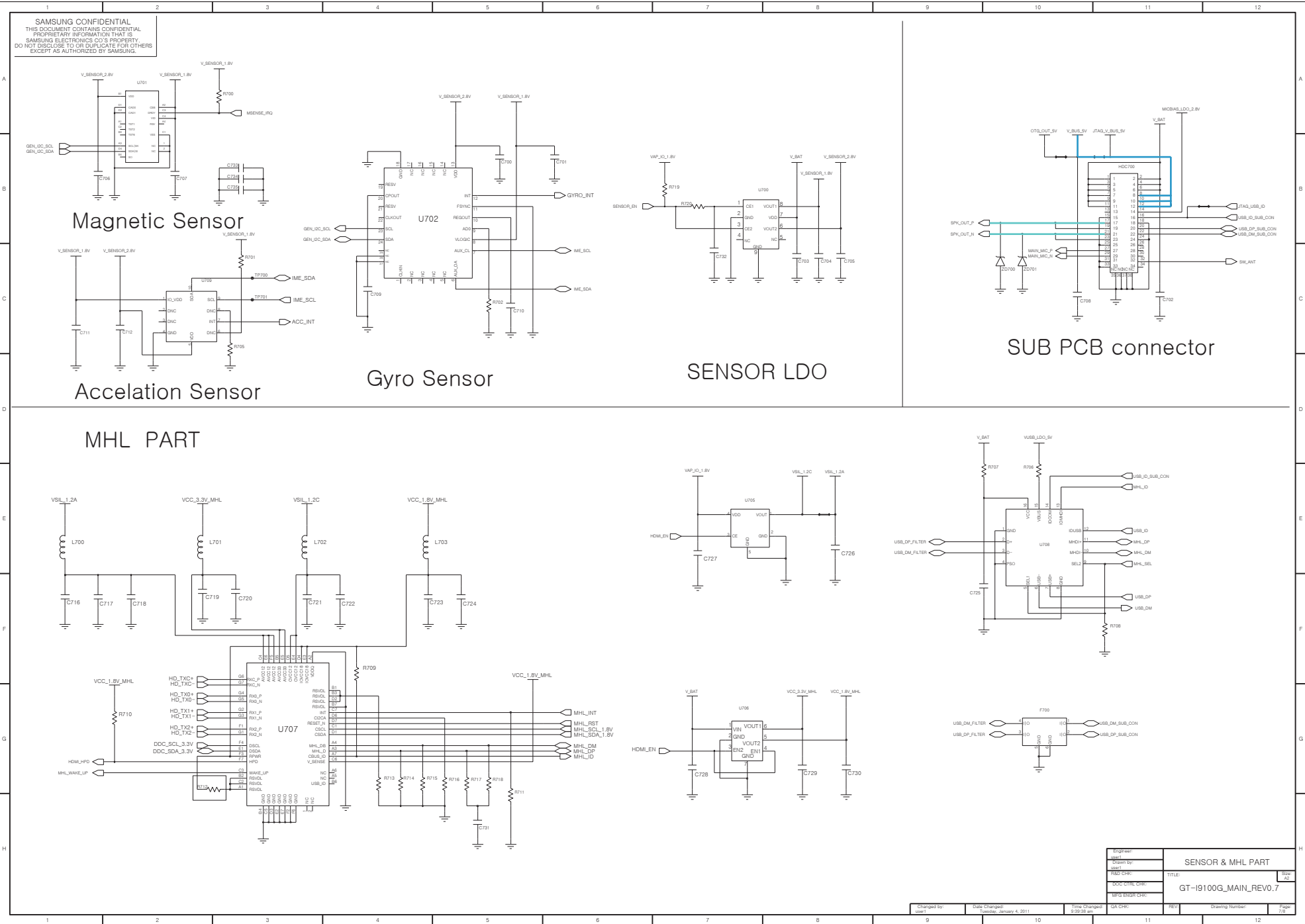
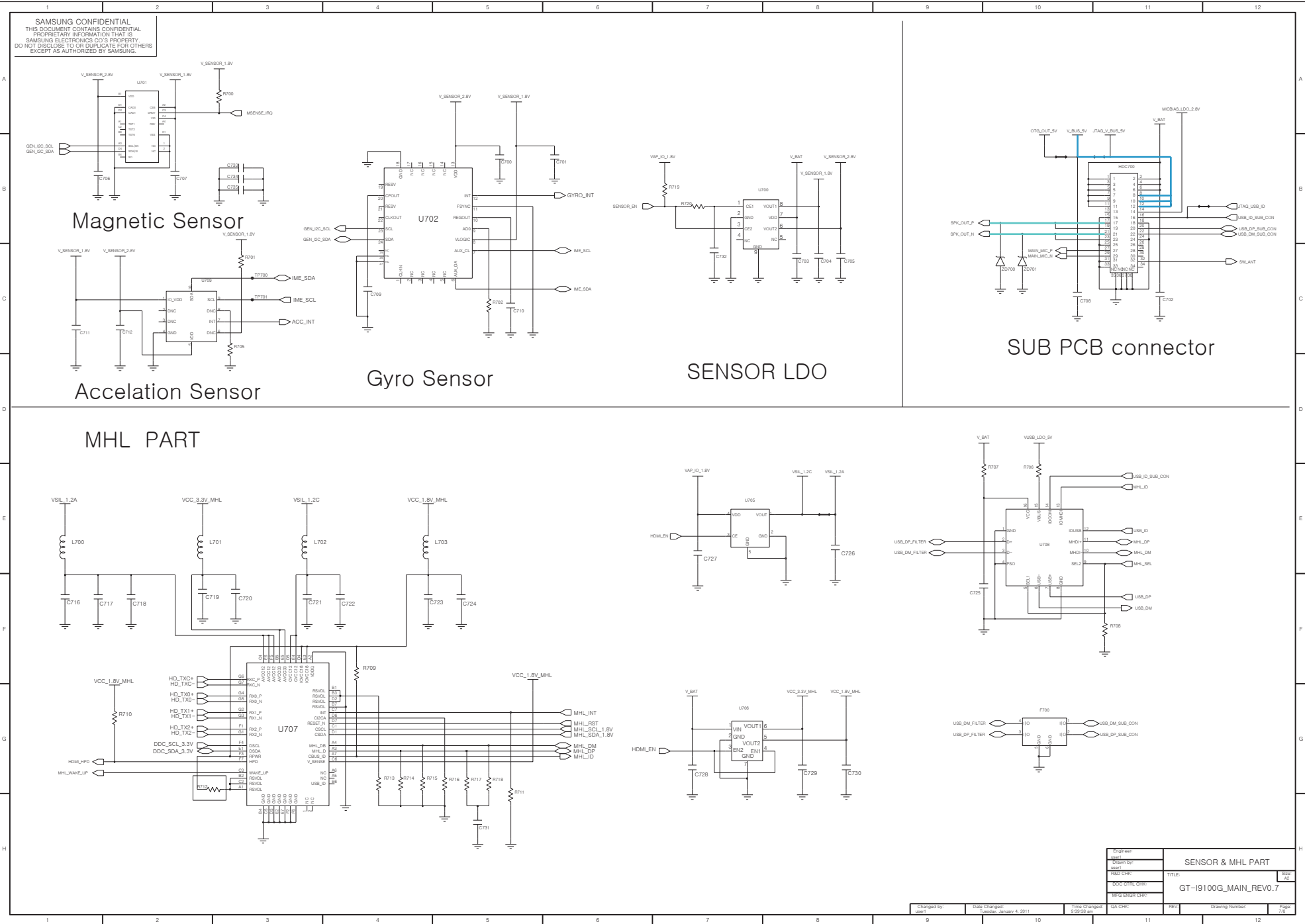
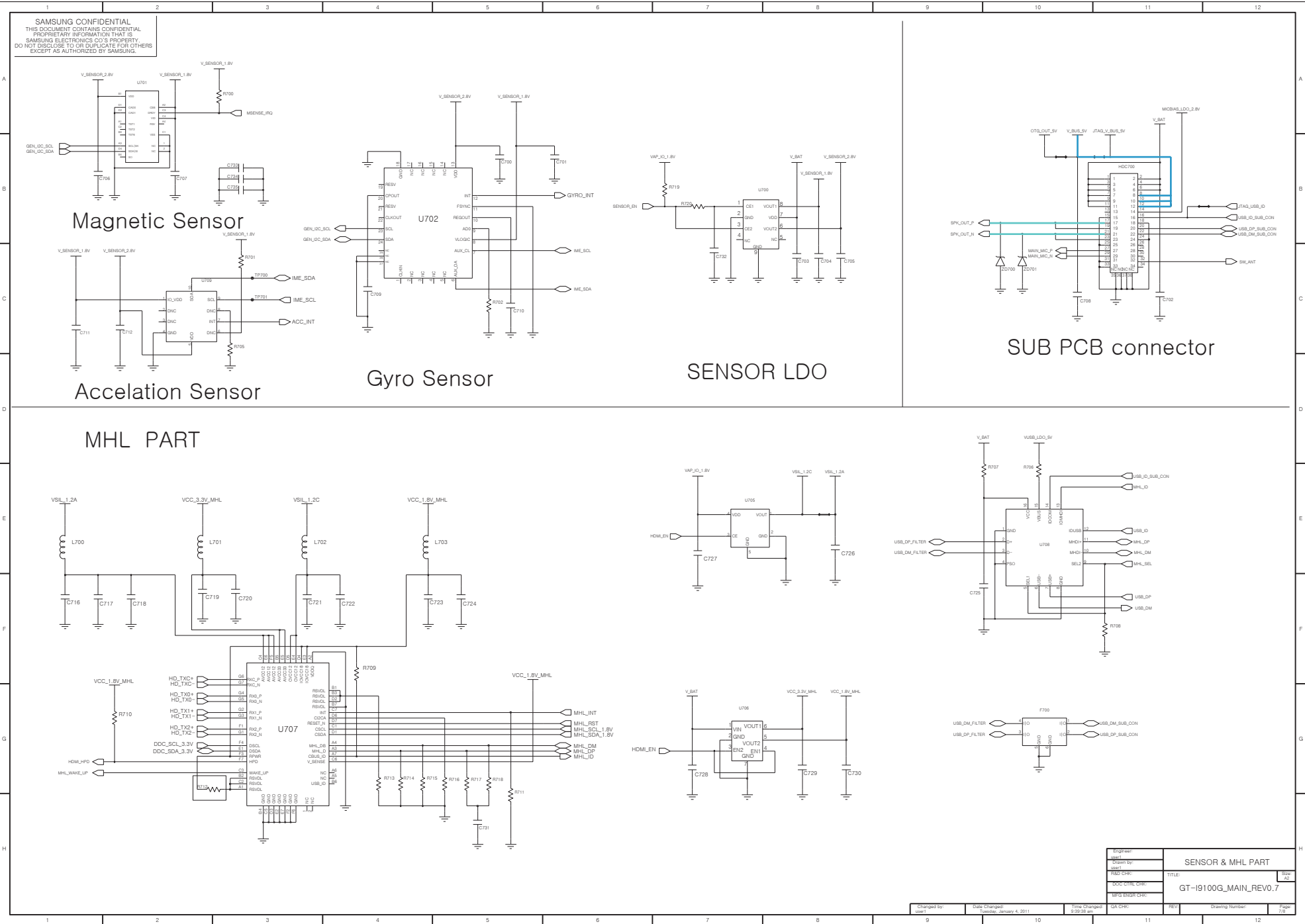
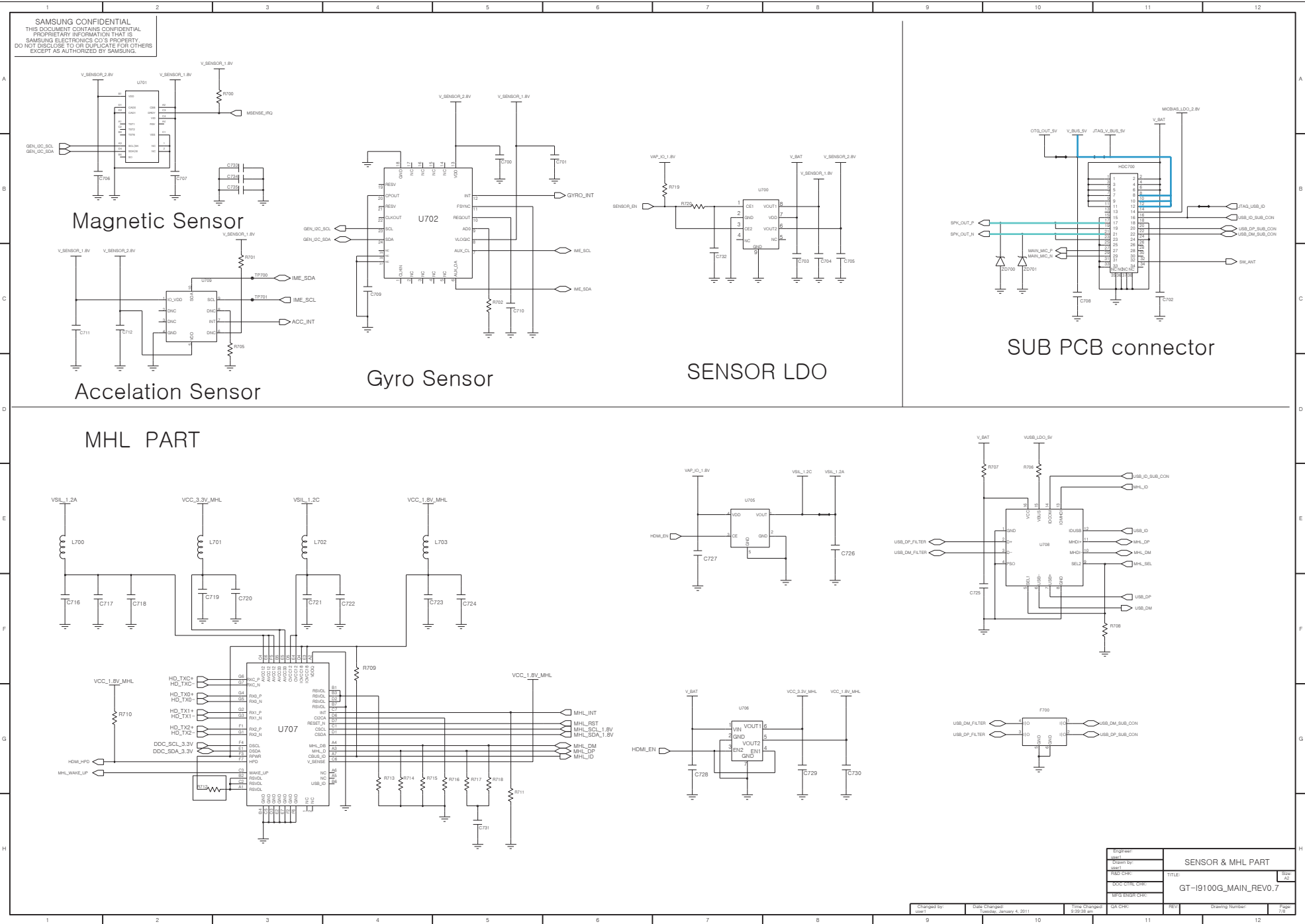
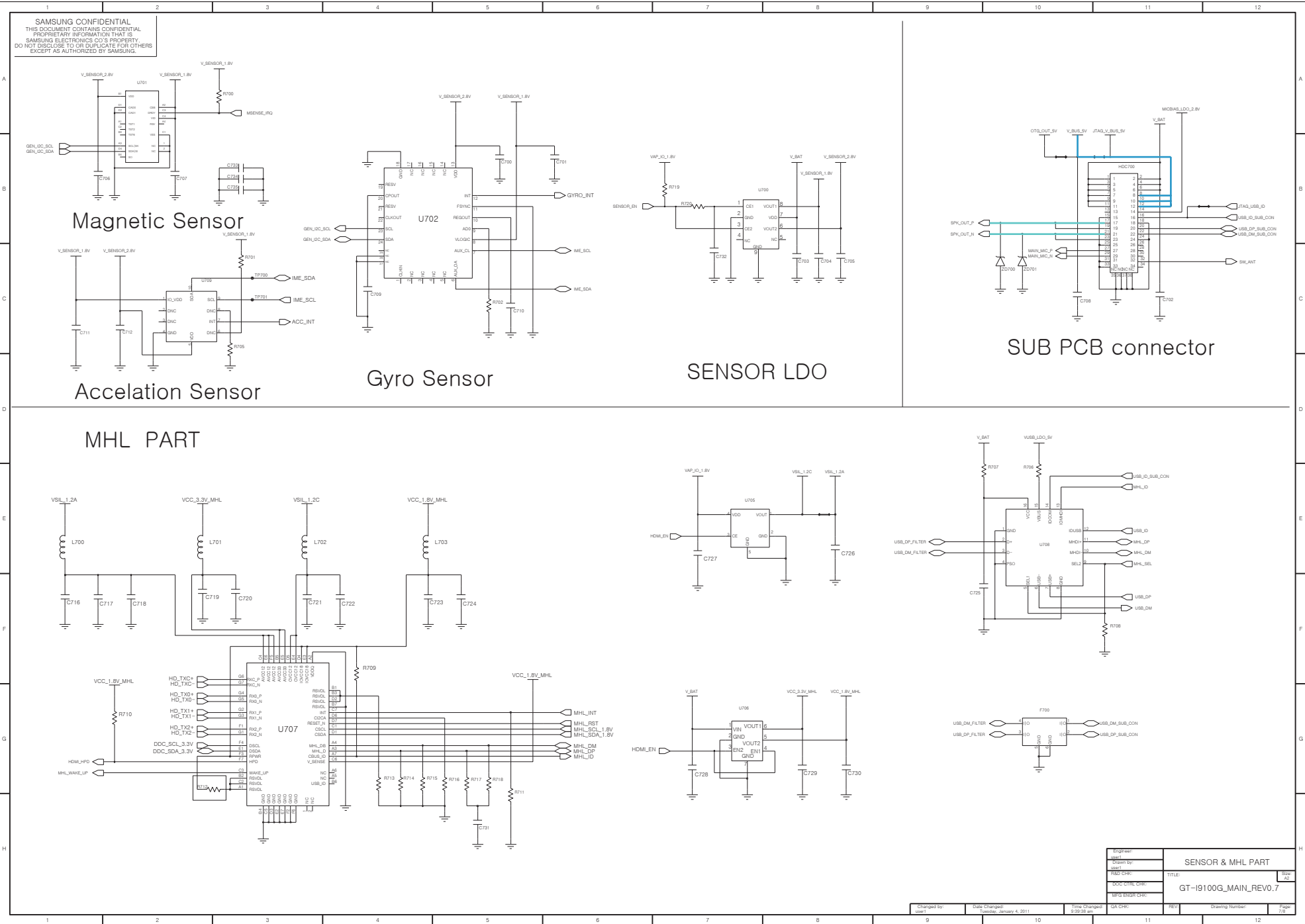
**SUB PCB connector**

**MHL PART**

**SENSOR & MHL PART**

GT-I9100G\_MAIN\_REV0.7

Changed by:   
 Date Changed:   
 Time Changed:   
 Drawing Number:   
 Page: 7/7

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**Magnetic Sensor**

**Accelation Sensor**

**Gyro Sensor**

**SENSOR LDO**

**SUB PCB connector**

**MHL PART**

**SENSOR & MHL PART**

GT-I9100G\_MAIN\_REV0.7

Changed by	Date Changed	Time Changed	QA CR#	REV	Drawing Number	Page
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**Magnetic Sensor**

**Accelation Sensor**

**Gyro Sensor**

**SENSOR LDO**

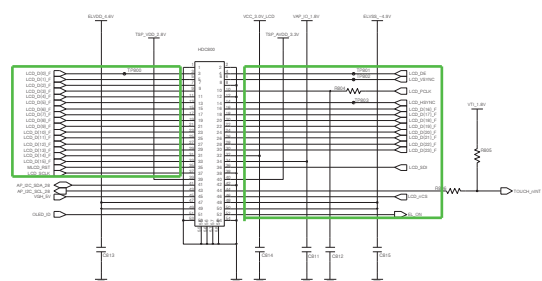
**SUB PCB connector**

**MHL PART**

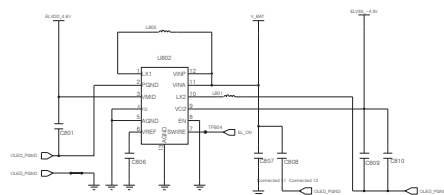
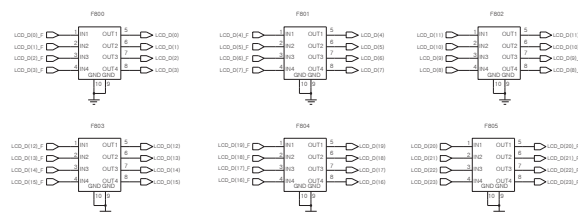
**SENSOR & MHL PART**

GT-I9100G\_MAIN\_REV0.7

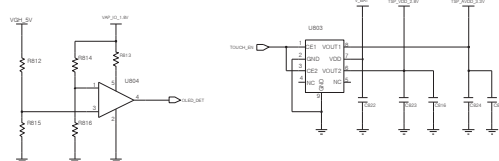
Engineer	Unit	Drawn by	Unit	Checked by	Unit	Reviewed by	Unit
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Y. Kim	Unit	Y. Kim	Unit	Y. Kim	Unit	Y. Kim	Unit
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Y. Kim	Unit	Y. Kim	Unit	Y. Kim	Unit	Y. Kim	Unit



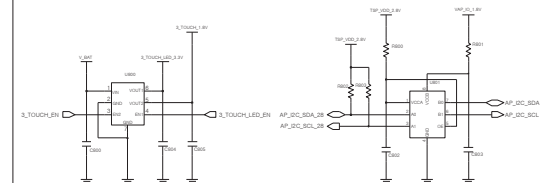
LCD CONNECTOR



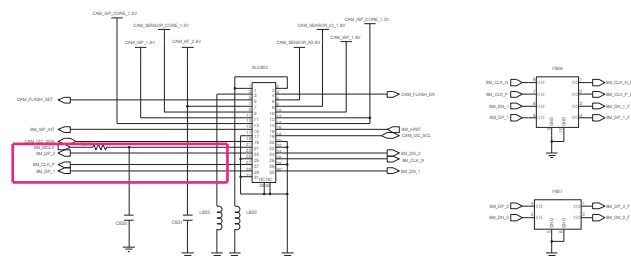
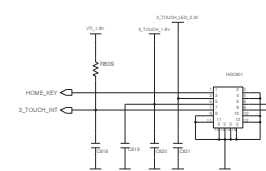
## OLED DCDC



TSP LO

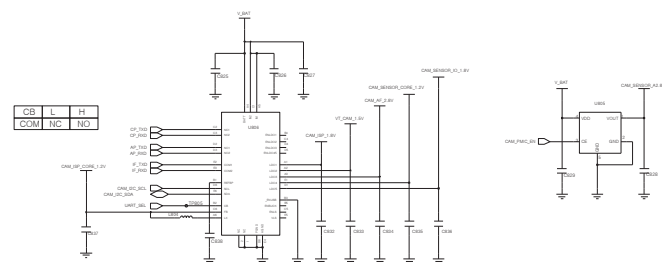


3\_TOUCH FPCB connector

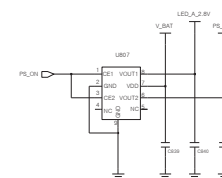
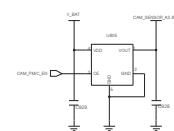


8M CAM connector

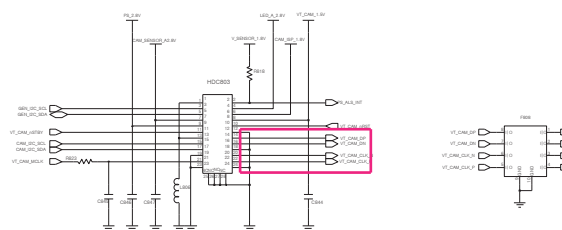
EMI FILTER



CAMERA POWER

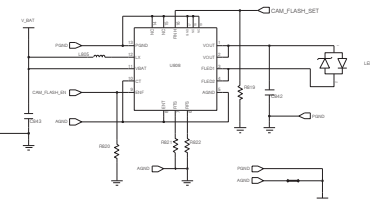


Prox. SENSOR POWER



VT CAM connector

EMI FILTER



CAMERA FLASH

Engineer	LCD & CAMERA	
Drawn by:		
Read Date:	TITLE:	Rev. No.
Good CTR Date:	GT-I9100G_MAIN_REV0.7	
Not to Start Date:		
QA Date:	Quantity Inspected:	OK